The Fawcett Ventilated Fireproof Building Company

LIMITED

$49⁰⁰

The Fawcett Ventilated Fireproof Building Company

LIMITED

Partition and Furring Blocks
Column and Girder Protection
Roof and Ceiling Blocks, Etc.
Porous Terra-Cotta of all kinds and sizes

448-49-50-51 BOURSE BUILDING
PHILADELPHIA

STVDIO & PRESS OF
VICTOR J. PETRY & CO
1214
BETZ BVILDING
PHILADELPHIA

FIREPROOFING

THE modern building has no prototype; whether it be an office building, a huge apartment house, a hotel, hospital or school, it must be designed to meet conditions which did not exist twenty or even ten years ago. The higher the value of the land, the higher the building must go to earn interest on the investment. Social changes have led to the use of great apartment houses and hotels, and modern methods have vastly changed the construction of every variety of building. These changes and their effects and causes have been fully discussed by the current technical papers.

But so rapid has been the development of modern building, that, in the desire to build tall enough, or large enough, the all-important question of fireproofing has been slighted, and, in some cases, constructions allowed which have no title to the term "fireproof."

The aim of the experts in fireproofing should be to so construct a building that, in case of fire, the damage to the contents, as well as to the building itself, will be minimized.

To obtain these results a floor is required through which the fire cannot pass, and which cannot itself be injured by a fire. How may this be accomplished? The steel beams which bear the weight of the floor are not fireproof; in fact, they are the most vulnerable part of the whole building, particularly the lower flanges, which are nearer the heat in case of fire. A comparatively slight heat will cause the beams, if unprotected, to buckle or bend toward the fire, and, once deflected, their strength is gone, and the floor and possibly the entire building is ruined. The beams, then, must be protected from heat. To accomplish this, they must be covered by some fire-resisting material, which the heat cannot damage, and through which it cannot pass.

The old method was to attach a thin piece of terra-cotta to the lower flange of the "I" beam, or to cover this flange with a layer of plaster; this, of course, is an improvement over exposing the flange of the "I" beam, but does not fulfil the requirements stated above. A slight fire would readily heat through the thin terra-cotta, just as water can boil in an earthen pot; and the flange of the beam once heated sufficiently, the beam expands, deflects, and down comes the floor, causing damage to the contents of the building as well as the floor itself.

THE COMPLETE INSULATION OF THE LOWER FLANGE CAN BE OBTAINED BY INTERPOSING BETWEEN IT AND THE TERRA-COTTA A SPACE THROUGH WHICH THE AIR, WHEN HEATED, MAY FREELY CIRCULATE.

THIS IS THE PRINCIPLE OF THE FAWCETT FLOOR.

A fire may heat through the plastered ceiling, may heat the terra-cotta to even a white heat; but, before it reaches the one vulnerable point, viz.: the "I" beam itself, it must heat through a layer of air, which is not confined, and the more intense the heat the more rapid the circulation of the air.

THE FAWCETT FLOOR IS A RATIONAL FLOOR; it is the evolution of fireproof floors—the result of years of expert study and experience. It is long past the experimental stage, and is used and recognized by many leading architects in this country and abroad. It can be adapted to any building or any circumstances. It can be built to carry a superimposed load of 1,500 pounds per square foot, or 50 pounds. It can be quickly laid in any part of the country, and it compares favorably in price with any good floor. A careful investigation of its principles will show it to be all that is claimed—THE STRONGEST, MOST FIRE-RESISTING and best for any building. Glance at the list of the architects who have used the Fawcett Floor. Many of them are of international reputation.

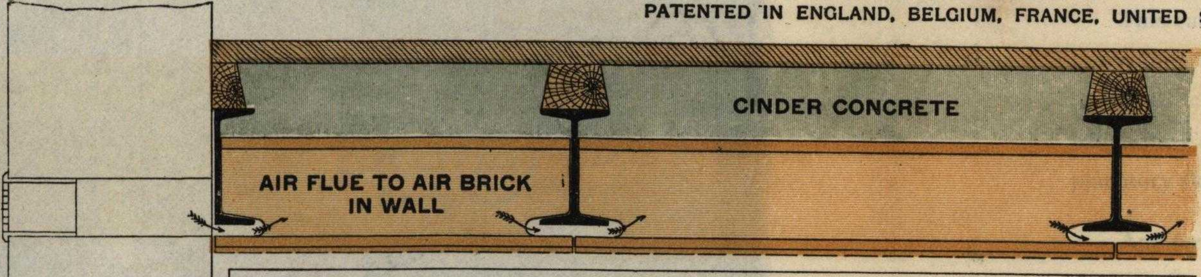
This catalogue is not intended to be an exhaustive treatise on fireproofing. Its aim is simply to present to those interested in improved construction a few photogravures of buildings in which the Fawcett system has been used, together with some explanatory sketches showing the construction of the floor.

Any further information regarding the system, which the Fawcett Company can render, is always at the disposal of those interested, and correspondence from such parties is earnestly solicited.

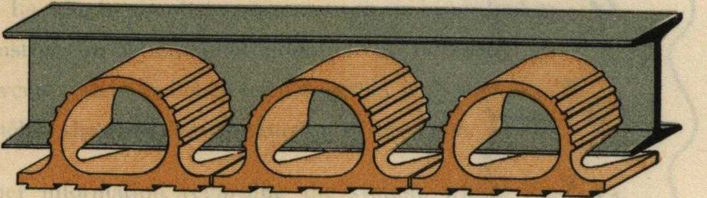
* * *

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY, LTD.

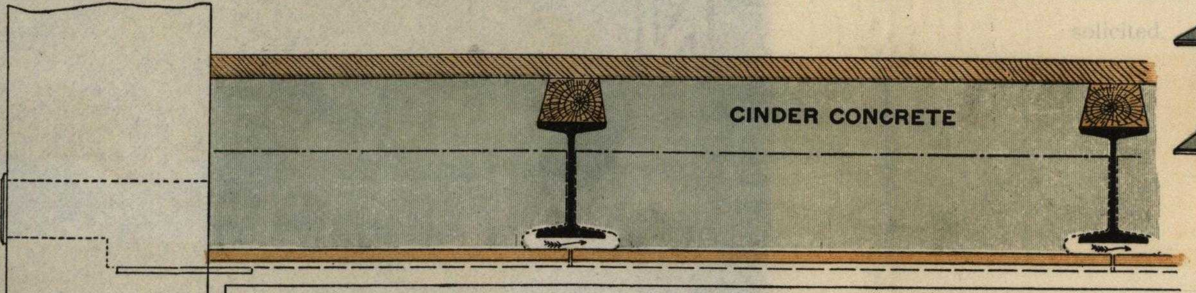
PATENTED IN ENGLAND, BELGIUM, FRANCE, UNITED STATES



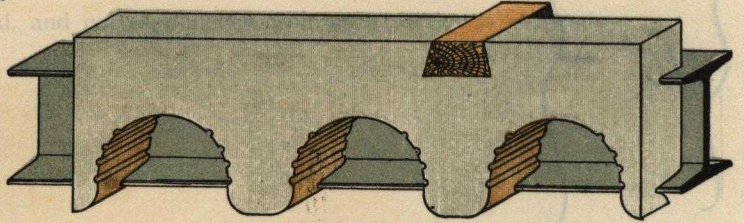
LONGITUDINAL SECTION, Showing the Tubular Terra-Cotta Lintel Encasing the Beam, the Air Passage under Beam and the Admission of Cold Air into the End of Tubular Lintel.



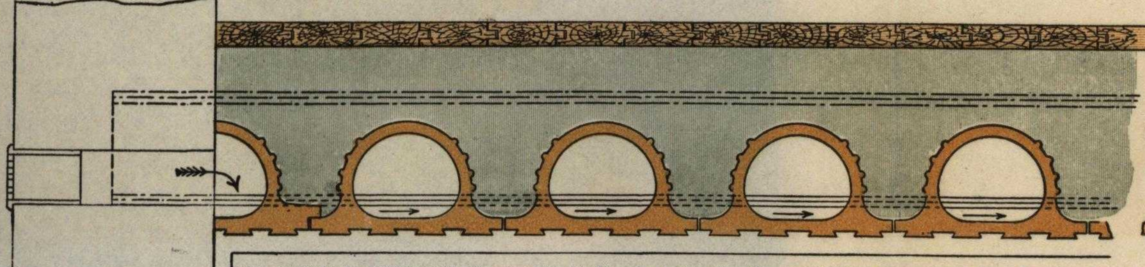
LINTELS WITH CONCRETE REMOVED



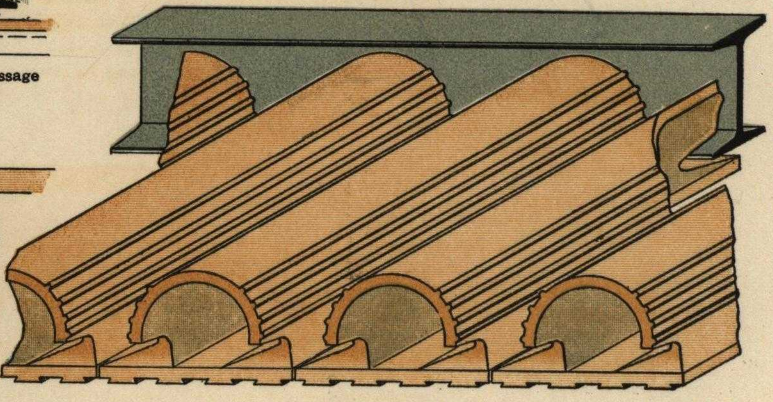
LONGITUDINAL SECTION, Showing the Concrete Bearing on the Bottom Flange of the Beam and Cold Air Passage under the Beam.



CONCRETE WITH LINTEL REMOVED



TRANSVERSE SECTION, Showing the Air Passage under the Beams and the Admission of Cold Air into the Side of the Lintel. **NOTE.**—Only two Air Bricks are absolutely necessary in each room to obtain a thorough draught under the Beam, and they may both be in the same wall.



LINTELS FIXED READY FOR CONCRETING

55# p. 4 Lintel

VIEWS OF SOME OF THE
BUILDINGS IN WHICH
THE FAWCETT SYSTEM
OF FIREPROOFING HAS
BEEN USED

STATE LIBRARY AND EXECUTIVE BUILDING
Harrisburg, Pa.

John T. Windrim, Architect
Philadelphia

Doyle & Doak, Contractors
Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED

HOME FOR AGED AND INFIRM COLORED PEOPLE

Philadelphia

Charles Balderston, Architect

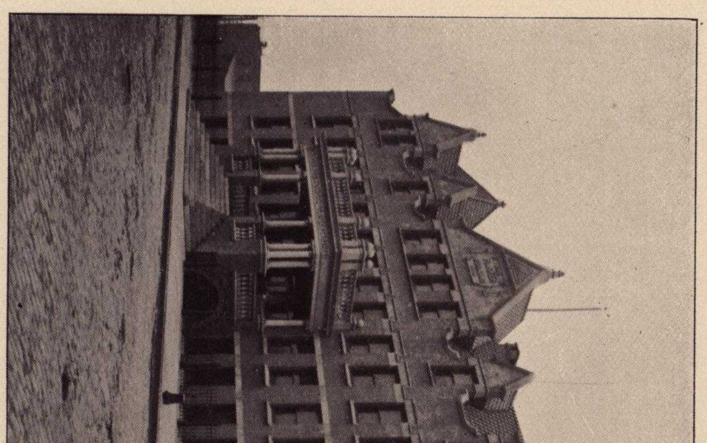
Philadelphia

J. E. & A. L. Pennock, Contractors

Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



THE LORRAINE APARTMENT HOUSE

Philadelphia

Willis G. Hale, Architect

Philadelphia

Geo. F. Payne & Co., Contractors

Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED

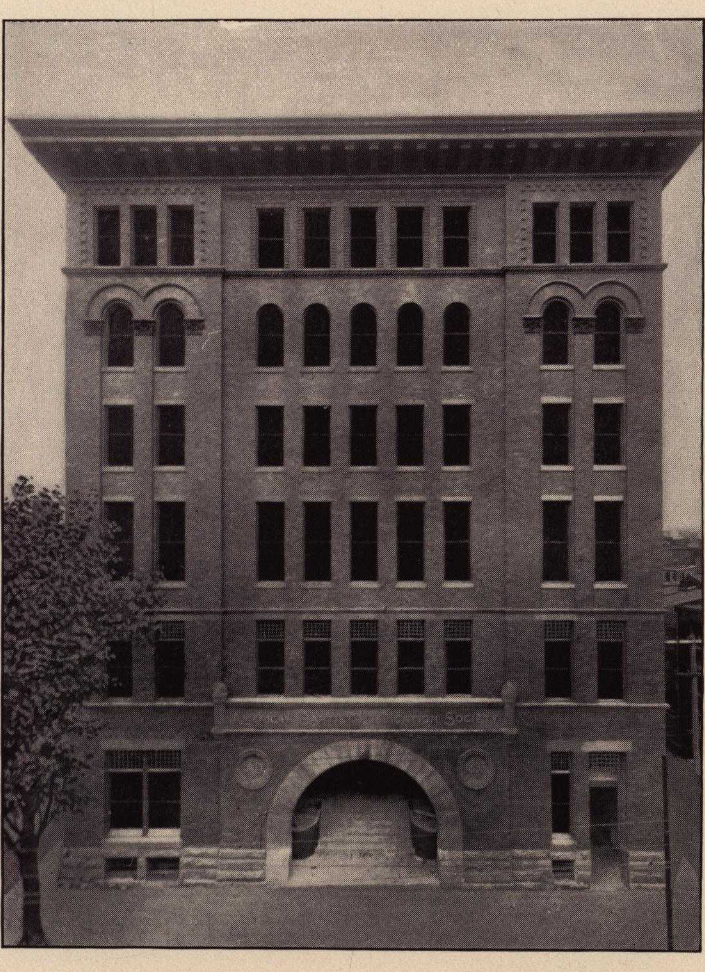
Building for the
AMERICAN BAPTIST PUBLICATION SOCIETY
Cor. Lombard and Juniper Streets
Philadelphia

Hales & Ballinger, Architects
Philadelphia

Geo. F. Payne & Co., Contractors
Philadelphia

FIREPROOFING AND STRUCTURAL STEEL WORK BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED


AMERICAN BAPTIST PUBLICATION SOCIETY

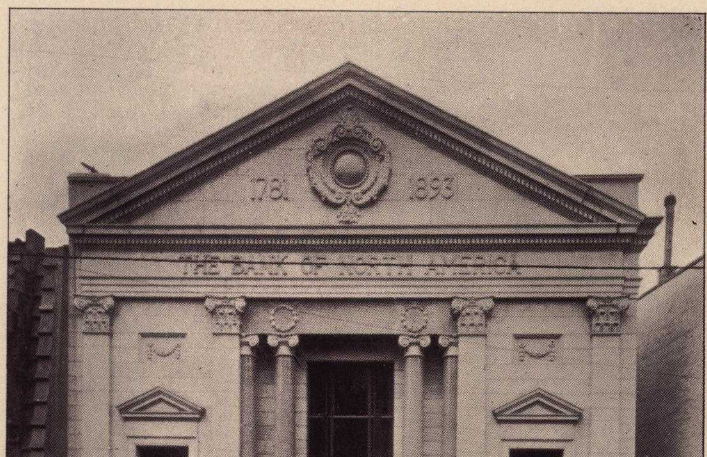
BANK OF NORTH AMERICA
Philadelphia

John T. Windrim, Architect
Philadelphia

George Watson & Son, Contractors
Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED


1781
1893
THE BANK OF NORTH AMERICA

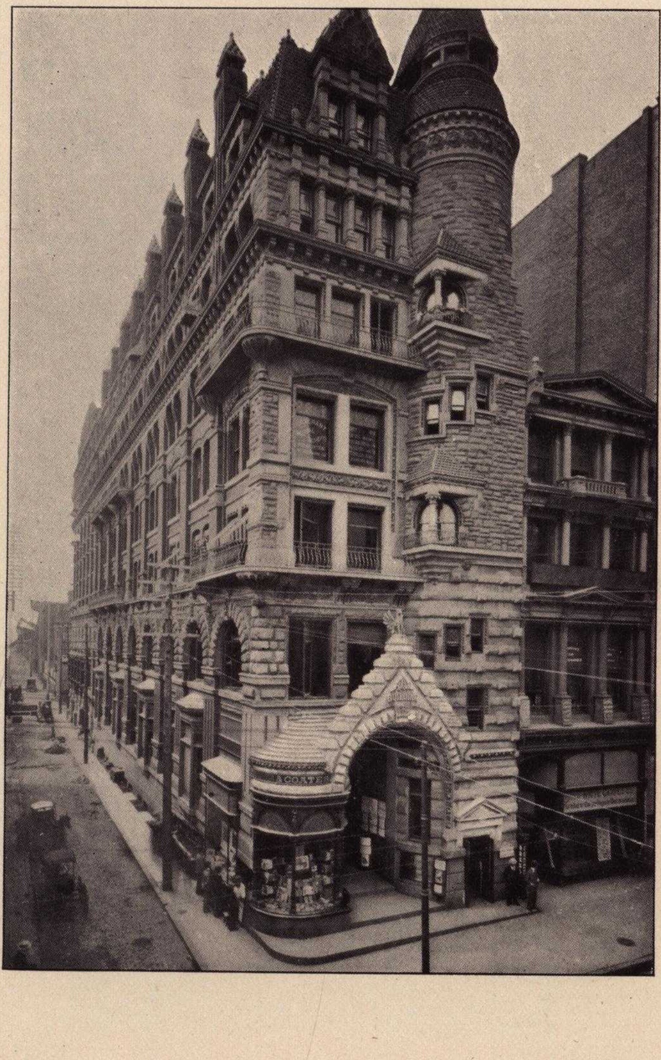
HALE BUILDING
Philadelphia

Willis G. Hale, Architect
Philadelphia

B. Ketcham & Sons, Contractors
Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



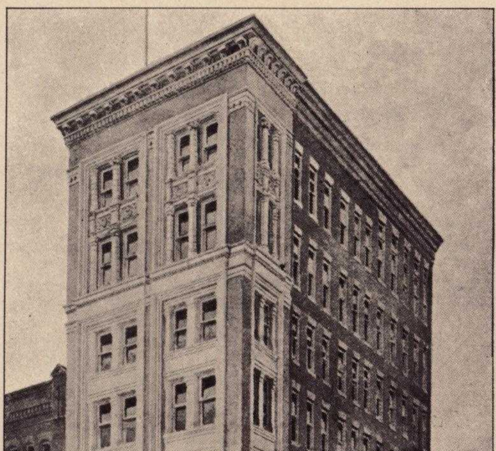
Building for the
UNITED PRESBYTERIAN BOARD OF PUBLICATION
Pittsburgh, Pa.

Chas. Bickel, Architect
Pittsburgh, Pa.

John H. Trimble & Bro., Contractors
Pittsburgh, Pa.

FIREPROOFING, STRUCTURAL
STEEL AND ORNAMENTAL
IRON WORK BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



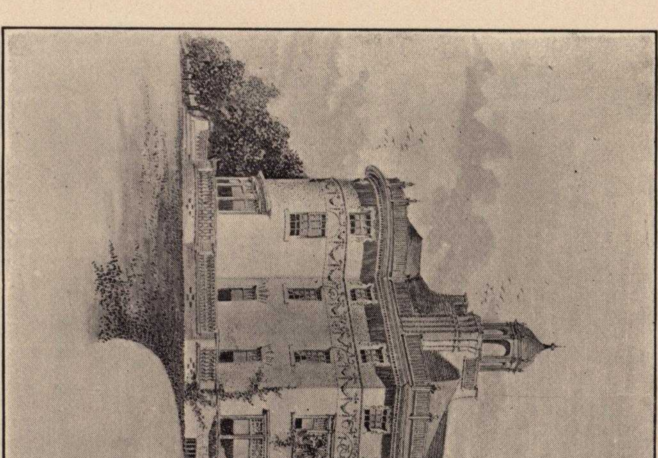
RESIDENCE OF J. H. McNEAL, Esq.
Burlington, N. J.

Hazlehurst & Huckel, Architects
Philadelphia

Thos. H. Seeds, Contractor
Philadelphia

FIREPROOFING AND STRUCTURAL STEEL WORK BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



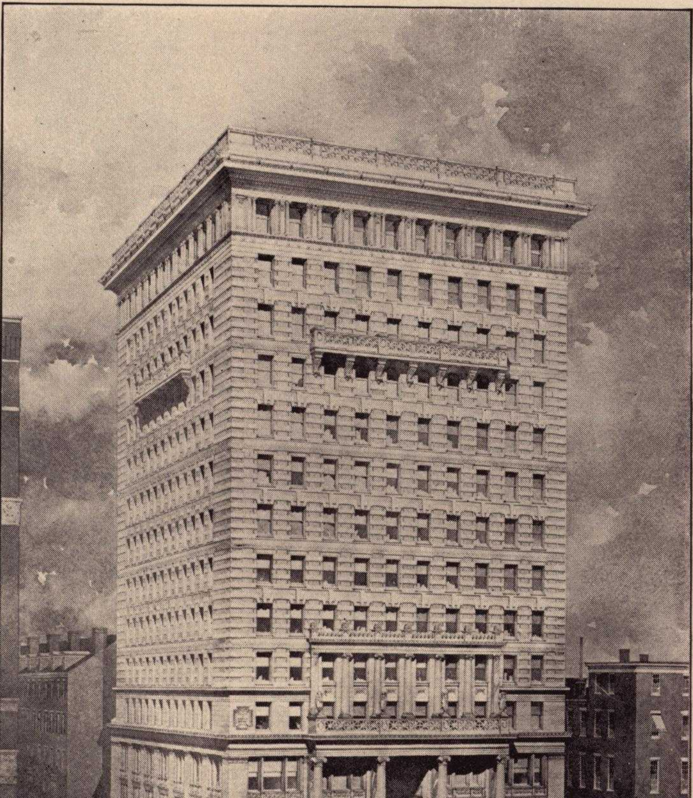
GIRARD BUILDING
Philadelphia

James H. Windrim, Architect
Philadelphia

Doyle & Doak, Contractors
Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



FIDELITY STORAGE WAREHOUSE

Philadelphia

Charles Balderston, Architect

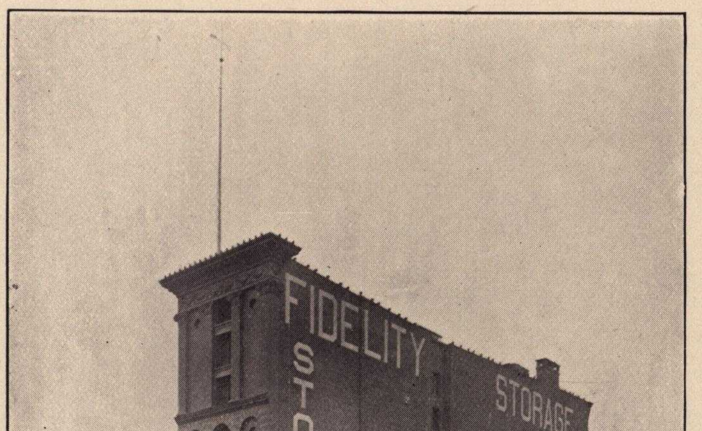
Philadelphia

J. E. & A. L. Pennock, Contractors

Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED


FIDELITY
STORAGE.
STORAGE.
DOORS. SASH.
BLINDS. SHUTTERS.
R.R.THOMAS & CO

REAL ESTATE TITLE INSURANCE AND TRUST CO.
Philadelphia

John T. Windrim, Architect
Philadelphia

Doyle & Doak, Contractors
Philadelphia

FIREPROOFING BY
The Fawcett
Ventilated Fireproof
Building Company
LIMITED

ST. JAMES OFFICE BUILDING

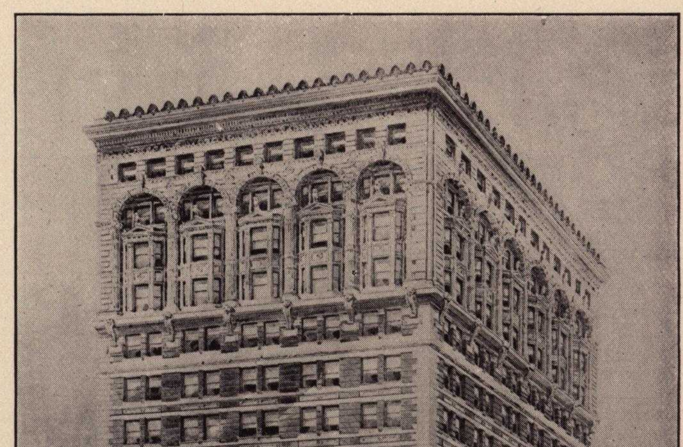
Broadway and 26th Street, New York

Bruce Price, Architect
New York

J. E. & A. L. Pennock, Contractors
Philadelphia and New York

FIREPROOFING AND STRUCTURAL STEEL WORK BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



PUBLIC SCHOOL BUILDING

2d Ward, Allegheny, Pa.

Alston & Heckert, Architects

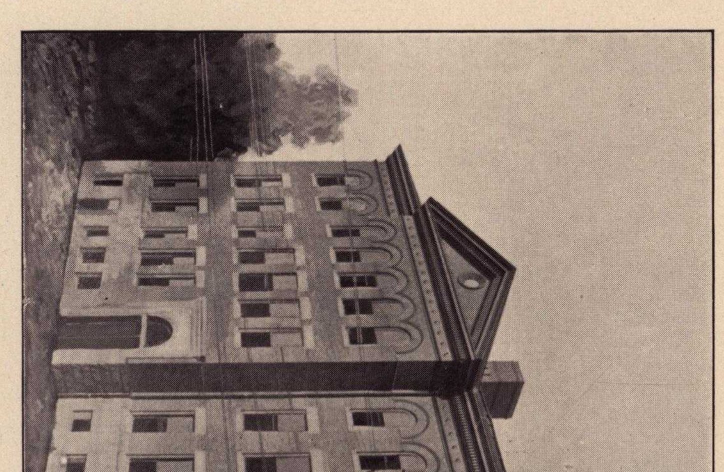
Pittsburgh

Rose & Fisher, Contractors

Allegheny, Pa.

FIREPROOFING, WITH SPECIAL
VENTILATION (IN CONNECTION
WITH PECK WILLIAMSON
SYSTEM), BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



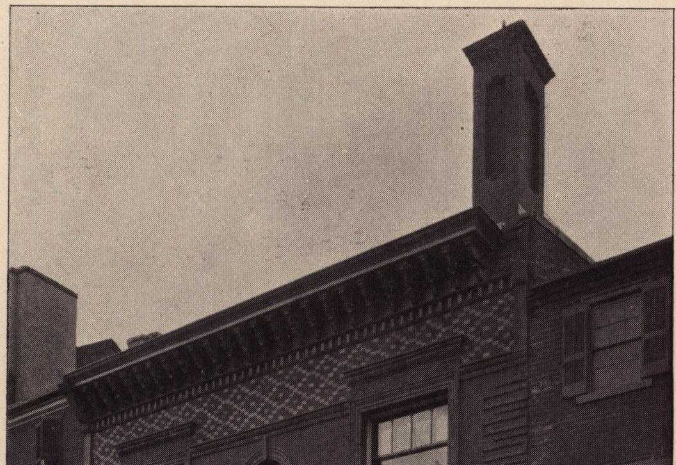
THE MORGUE
Philadelphia

John T. Windrim, Architect
Philadelphia

R. C. Ballinger & Co., Contractors
Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



FIRE STATION

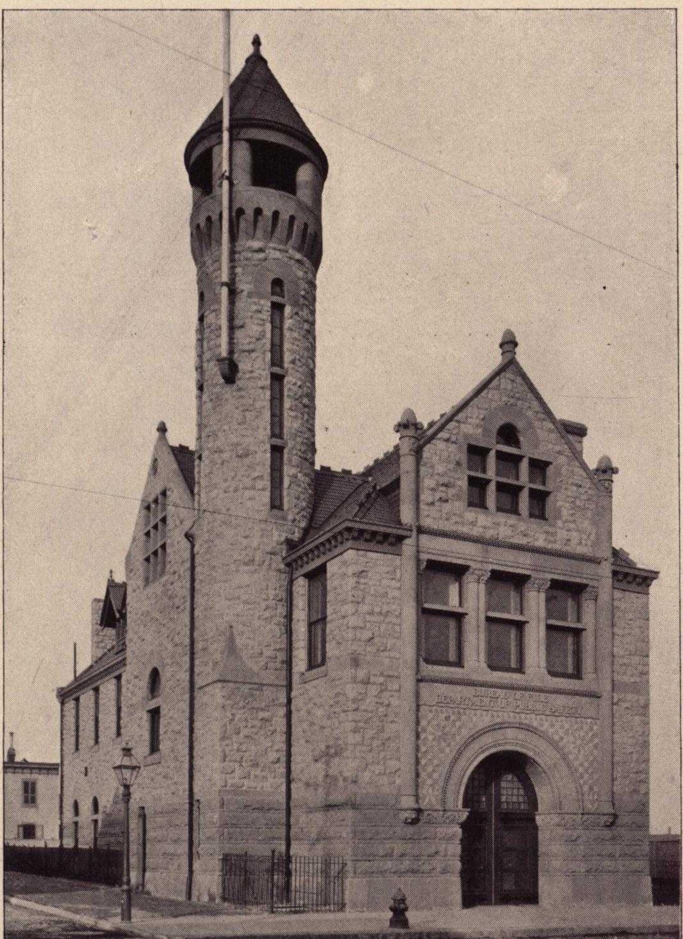
For the City of Philadelphia

John T. Windrim, Architect
Philadelphia

Doyle & Doak, Contractors
Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



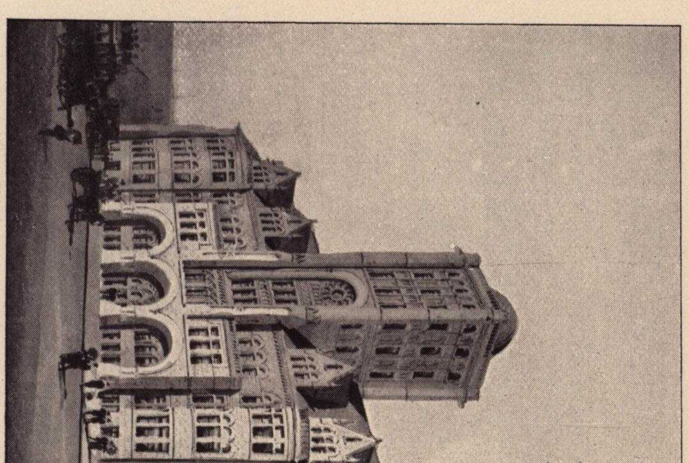
THE BOYS' HIGH SCHOOL
For the City of Philadelphia

J. D. Austin, Architect
Philadelphia

Rob't S. Johnston, Contractor
Philadelphia

FIREPROOFING AND STRUCTURAL STEEL BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



FIRE STATION

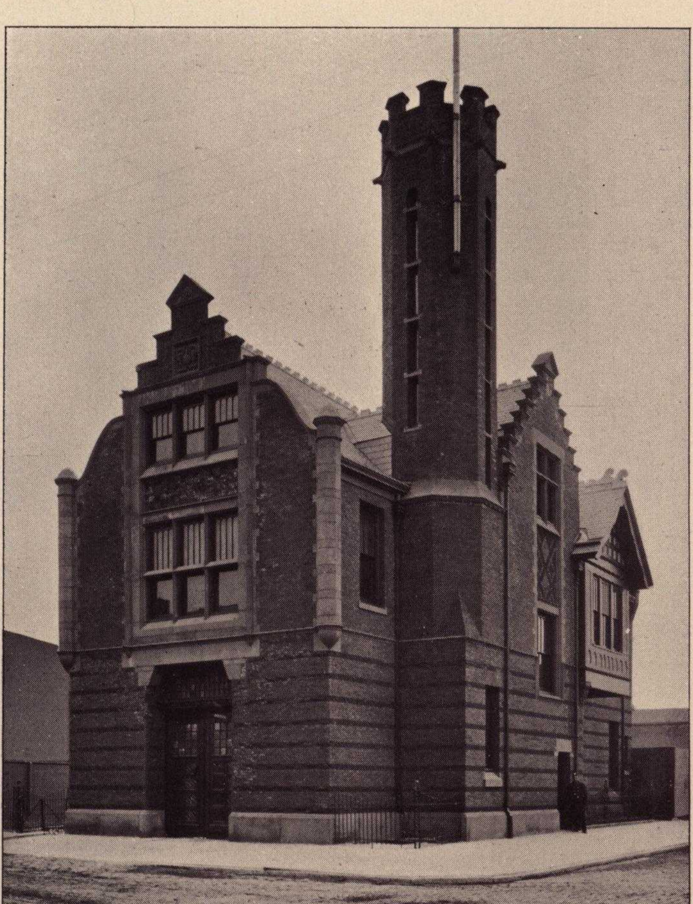
For the City of Philadelphia

John T. Windrim, Architect
Philadelphia

Chas. O'Neil, Contractor
Philadelphia

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



FIRE STATION

For the City of Philadelphia

John T. Windrim, Architect
Philadelphia

Thos. M. Seeds, Contractor
Philadelphia

FIREPROOFING BY

The Fawcett
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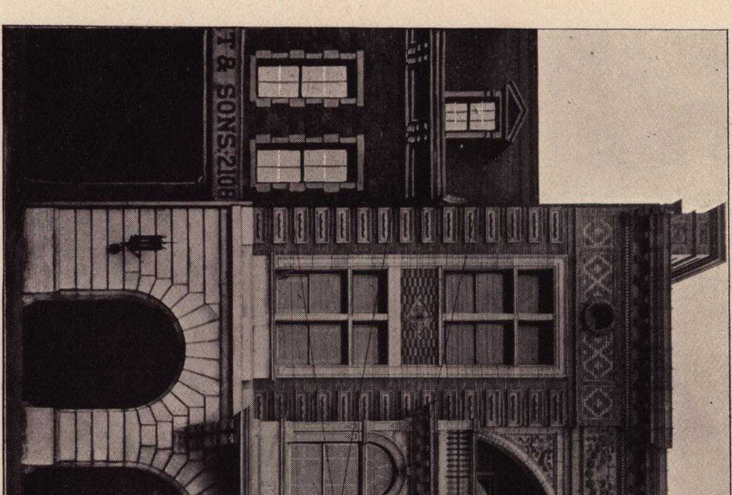
Building Company
LIMITED



T & SONS 2108

LAW SCHOOL OF THE BOSTON UNIVERSITY

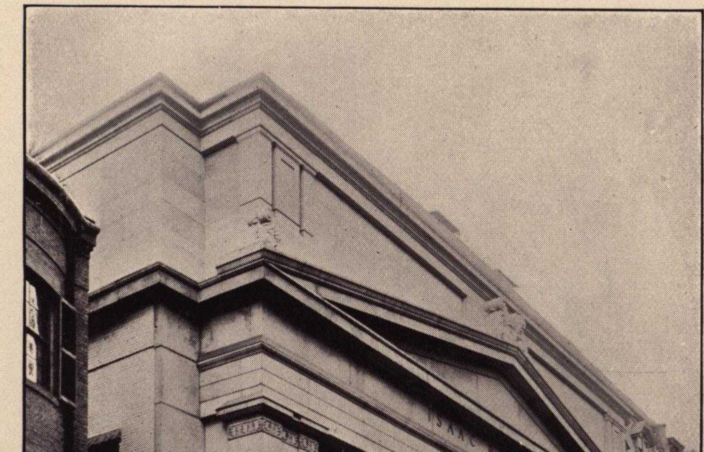
Boston, Mass.

William Gibbons Preston, Architect

Boston, Mass.

FIREPROOFING AND STRUCTURAL STEEL WORK BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED


ISAAC RICH HALL

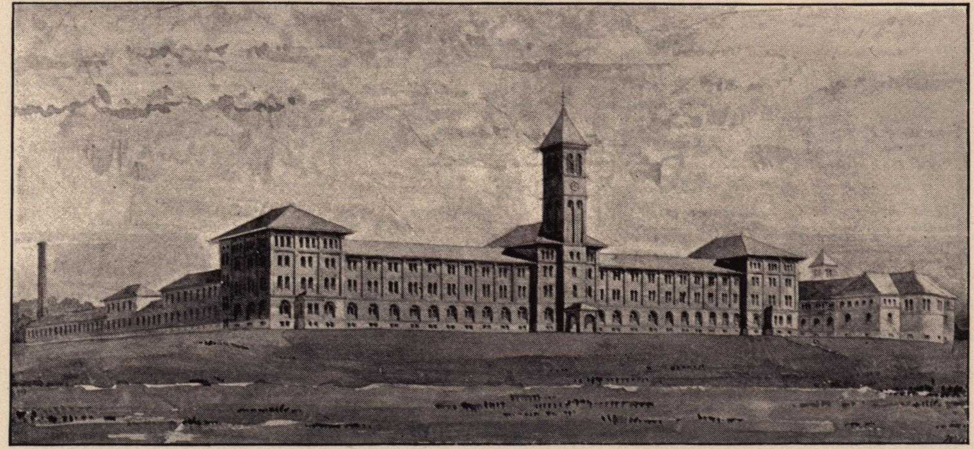
ROMAN CATHOLIC PROTECTORY FOR BOYS
Fatland, Montgomery Co., Pa.

Wilson Bros. & Co., Engineers and Architects
Drexel Building, Philadelphia

Wm. R. Dougherty, Contractor
Philadelphia.

FIREPROOFING BY

The Fawcett
Ventilated Fireproof
Building Company
LIMITED



AS OTHERS SEE US

THE NEW REXFORD,
CORNER BOWDOIN STREET AND BULFINCH PLACE.

BOSTON, MASS., December 30, 1896.

THE FAWCETT COMPANY.

Gentlemen:—The building, seven stories high, known as the Hotel Rexford, erected by your Fire Construction Company, was, on December 19, 1896, subjected to an extraordinary fire test. On that day fifty gallons of gasoline in a barrel, and thirty gallons of varnish, were placed in a storeroom on the first floor, in which were stored several boxes of carpenters' tools and quantities of inside finish. By an accidental overturning of a gasoline torch, the gasoline, which had been carelessly spread over the floor, was ignited and instantly the entire room was in a blaze. The fifty gallons of gasoline and the thirty gallons of varnish were entirely consumed, together with all the inside finish and tool chests. The damage was limited to the window and door casing, and the plastering around the room.

This was a severer test than any room in this building will ever be subjected to at any time in the future. I believe that no other construction would have withstood the flames so well.

Respectfully yours,
(Signed) CHARLES RUDOLPH,
Proprietor.

* * *

JOHN T. WINDRIM,
ARCHITECT,
1107 WALNUT STREET.

PHILADELPHIA, PA., May 2, 1894.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY.

Gentlemen:—Replying to your inquiry as to my opinion of the Fawcett Flooring used in the State Library and Executive Building at Harrisburg, under my direction, I have found it entirely satisfactory.

The spans there were from 12 feet 6 inches up. On the 12 foot 6 inch spans we used 5 inch beams, which results in a firm and rigid floor. The ease and rapidity with which the floor was laid has enabled the contractors to complete the superstructure four months ahead of the time obligation in their contract.

Very truly,
(Signed) JOHN T. WINDRIM,
Architect.

CHARLES BALDERSTON,
ARCHITECT,
144 South Fourth Street.

PHILADELPHIA, PA., April 22, 1895.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY,
104 South Twelfth Street, Philadelphia, Pa.

Gentlemen:—I am in receipt of your inquiry as to how I am pleased with the Fawcett System of Fireproofing. Presuming that you wish to make use of my reply, I beg to say that you may at your discretion use the following: I have used your system in several buildings, including the Parker Building and the Howard Hospital in this city, and am now using it for the Fidelity Storage Warehouse. I have, during the last few years, examined carefully all the systems of fireproofing that have been brought to my notice, the most of which have features of considerable merit, but I consider yours equal to any of them, and in some respects superior. Among the points of superiority I might mention the facility with which it is erected without construction of centering, the perfect system of ventilation and the quickness with which it dries out. In these respects it is original, so far as I am able to learn.

Yours respectfully,
(Signed) CHARLES BALDERSTON.

❧

WILSON BROTHERS & CO.
ESTABLISHED 1876.
CIVIL AND CONSULTING ENGINEERS AND ARCHITECTS,
1036 Drexel Building.

PHILADELPHIA, PA., February 9, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY.

Gentlemen:—Our experience with your floor and method of fireproofing has been entirely to our satisfaction. In the several important structures where your work has come under our superintendence, the material has been first-class, and the method of laying the tile, together with the general management of the work, has met with our approval.

We have noticed also that the greatest possible freedom is allowed to the other mechanics during the erection of your floor.

Yours very truly,
(Signed) WILSON BROS. & CO.

WM. GOLDIE, SR., President. ROBERT GOLDIE, Secretary.
WM. GOLDIE, JR., Treasurer.

WM. GOLDIE & SONS COMPANY,
BUILDERS,
ROOM 1001 NEW YORK LIFE BUILDING, LA SALLE AND MONROE STREETS.
[Telephone Main, 612]

CHICAGO, November 28, 1894.

MR. S. M. RANDOLPH, ARCHITECT,
CHICAGO, ILL.

Dear Sir:—Replying to your inquiry concerning Fawcett Floors, our seven-story apartment building "Osceola," on Lake Avenue near Thirty-seventh Street, has Fawcett construction throughout, and we think it one of the best examples of fireproof building in the city.

Yours respectfully,

(Signed) GOLDIE BROTHERS.

◆

BOARD OF PUBLIC EDUCATION,
713 Filbert Street.
OFFICE OF ARCHITECT AND SUPERVISOR.

PHILADELPHIA, October 15, 1896.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY.

Gentlemen:—I have this day passed upon and approved the work that you have just completed in the Annex to the Boys' High School, this city.

The work is highly satisfactory to me, and, as far as my observation has gone, I consider it the finest piece of fireproofing that has ever been done in this city.

When your system was first presented to me, I am free to confess that I had serious doubts about the light beams being reinforced by your method to the extent you claimed, but the tests I afterwards witnessed confirmed every statement you made as to strength, and in fact to all the advantages you claimed for your system.

I can highly recommend to the other Departments of the city of Philadelphia, and to other municipalities or individuals who may require a system of fireproofing in their buildings, the Fawcett process.

Yours very truly,

(Signed) JOS. D. AUSTIN,
Architect, etc.

HAZELHURST & HUCKEL,
ARCHITECTS,
913 Girard Building.

PHILADELPHIA, PA., January 19, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY,
PHILADELPHIA, PA.

Gentlemen :—We heartily approve of your system of flooring, after carefully investigating it, since which time we have specified and used it in all cases. It has proven economical and entirely satisfactory in every way, and do not hesitate to refer to us at any time.

Yours very truly,
(Signed) HAZELHURST & HUCKEL.

❧

UNITED PRESBYTERIAN BOARD OF PUBLICATION,
53 and 55 Ninth Street.

PITTSBURG, PA., January 22, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY,
PHILADELPHIA, PA.

Gentlemen :—In erecting our building, known as the Publication Building, during the season of '95 and '96, we selected the system known as the Fawcett Ventilated Fireproofing. It gives me pleasure to state that the structural iron work and fireproofing put in by the Fawcett Ventilated Fireproof Building Company has proven all that could be desired.

Yours truly,
(Signed) JOHN T. FINDLEY,
Business Manager.

❧

OFFICE OF SIDNEY F. HECKERT,
ARCHITECT,
Stevenson Building, 341 and 343 Sixth Avenue.

PITTSBURG, PA., January 19, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY,
PHILADELPHIA, PA.

Gentlemen :—In reply to your letter of January 18, 1897, will say, your work in connection with the Second Ward School Building, Allegheny City, was entirely satisfactory.

Yours truly,
(Signed) S. F. HECKERT.

CHARLES BICKEL,
ARCHITECT,
M. E. Building, No. 524 Penn Avenue.

PITTSBURG, PA., January 25, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY,
PHILADELPHIA, PA.

Dear Sirs:—Your system of Fireproofing as used in the "United Presbyterian Board of Publication Building," is certainly worthy of recommendation, it combines fireproof qualities with lightness and strength, and is easily and quickly constructed, and well merits the claims which are made in its favor. Very truly yours,

(Signed) CHARLES BICKEL.

❧

OFFICE OF RATHBUN & HARDING,
ARCHITECTS.

PITTSFIELD, MASS., January 22, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY, LTD.,
PHILADELPHIA, PA.

Gentlemen:—During the year 1896 a fine block was constructed in this city according to plans made by us, and under our supervision. The Fawcett System of Fireproofing was used throughout, and it has proved, in all particulars, as represented. It combines strength and durability, and is, in our judgment, as complete a system of fireproofing as can be devised. The building is occupied for mercantile purposes, but the insurance has been placed at an unprecedentedly low rate. We do not hesitate to speak in the highest terms of commendation, not only in regard to the method used, but of the manner in which the contract, made with your firm, was executed. Very respectfully,

(Signed) RATHBUN & HARDING.

WILLIAM R. PLUNKETT, President. JAMES M. BARKER, Vice-President.
JAMES W. HULL, Secretary and Treasurer.

INCORPORATED 1851.

THE BERKSHIRE LIFE INSURANCE COMPANY,
OF PITTSFIELD, MASS.

PITTSFIELD, MASS., February 2, 1897.

Gentlemen:—It gives me great pleasure to express the satisfaction felt by Mr. Morton and myself in regard to the manner in which your contract for fireproofing the Hull & Morton Block was fulfilled, and to commend the Fawcett System itself. The protection of all pillars and beams is complete and the building is as firm as a rock. The rapid moving of heavy trains on the tracks of the Boston and Albany Railroad, immediately alongside, causes no jar or trembling.

I am very sincerely yours,

(Signed) JAS. W. HULL.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY,
PHILADELPHIA, PA.

---

28 State Street,

BOSTON, MASS., January 22, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY, LTD.,
Rooms 448-451 Bourse, Philadelphia, Pa.

Gentlemen:—In reply to your inquiry, would say that I used your system of fireproof flooring throughout the five stories and roof of the new building, 274 Friend Street, which was erected by the Roberts Estate of this city, and is to be occupied by Messrs. Cobb, Bates and Yerxa. The building is of the warehouse class, and is designed to sustain a live load of 250 pounds per square foot throughout.

I am glad to say that the construction is perfectly satisfactory to me in every way; from tests made during construction I believe the floor will carry 500 pounds per square foot with safety; the quality of the workmanship is excellent, and the general contractor on the building, as well as the plasterer, was well pleased with your system.

Yours very truly,

(Signed) ALDEN FRINK,
Architect.

C. M. BARTBERGER. WILLIAM J. EAST.

BARTBERGER & EAST,
ARCHITECTS,
Rooms 97, 98, 99 Westinghouse Building.

[Telephone 1875.]

PITTSBURG, PA., January 19, 1897.

THE FAWCETT VENTILATED FIREPROOFING COMPANY,
PHILADELPHIA, PA.

Gentlemen:—We would be pleased to have you mail us a copy of your 1897 Catalogue.

We take this opportunity to express our satisfaction of the Fawcett System of Fireproofing, as carried out by you in the construction of the Millvale Public School, in Millvale Borough, Allegheny County, Pa.

It makes a very substantial and solid floor, as firm as the walls themselves; in our opinion is a most excellent system.

Very truly yours,
(Signed) BARTBERGER & EAST.

◆

EDWARD M. HALES. WALTER F. BALLINGER.

[Telephone 2553.]

HALES & BALLINGER,
ARCHITECTS AND MILL ENGINEERS,
Southwest Corner Twelfth and Chestnut Streets.

PHILADELPHIA, January 19, 1897.

THE FAWCETT VENTILATED FIREPROOF BUILDING COMPANY.

Gentlemen:—The Fawcett Tile Flooring, and the structural steel work and fireproofing of the same, furnished and erected by your Company under the general contract, and in accordance with our plans and specifications for the Publishing House of the American Baptist Publication Society, at Juniper and Lombard Streets, in this city, is highly satisfactory.

Respectfully,
(Signed) HALES & BALLINGER,
Architects.

LIST OF SOME OF THE MOST PROMINENT BUILDINGS IN THE UNITED STATES IN WHICH THE FAWCETT SYSTEM OF FIREPROOFING HAS BEEN USED.

BUILDINGS	ARCHITECTS
Howard Hospital, Philadelphia, Pa.	Charles Balderston.
Lorraine Apartment House, Philadelphia, Pa.	Willis G. Hale.
Philadelphia Morgue, Philadelphia, Pa.	John T. Windrim.
Patterson Memorial Church, Philadelphia, Pa.	T. P. Chandler.
Bank of North America, Philadelphia, Pa.	John T. Windrim.
Real Estate Title and Trust Company, Philadelphia, Pa.	John T. Windrim.
Harrisburg State Library, Harrisburg, Pa.	John T. Windrim.
Fire Engine House, Philadelphia, Pa.	John T. Windrim.
Fire Engine House, Philadelphia, Pa.	John T. Windrim.
Fire Engine House, Philadelphia, Pa.	John T. Windrim.
Fire Engine House, Philadelphia, Pa.	John T. Windrim.
Fire Engine House, Philadelphia, Pa.	John T. Windrim.
Boys' High School, Philadelphia, Pa.	J. D. Austin.
Boys' High School (Annex), Philadelphia, Pa.	J. D. Austin.

BUILDINGS	ARCHITECTS
American Baptist Publication Society Building, Philadelphia, Pa.	Hales & Ballinger.
Fidelity Storage Warehouse, Philadelphia, Pa.	Charles Balderston.
John H. Converse (residence), Philadelphia, Pa.	Wilson Brothers & Co.
Robert Foerderer (residence), Philadelphia, Pa.	Hazelhurst & Huckel.
A. H. McNeal (residence), Burlington, N. J.	Hazelhurst & Huckel.
Allen B. Rorke (residence), Philadelphia, Pa.	Judge H. de Nean.
Newman's Hotel, Boston, Mass.	J. Pickering Putnam.
Second Ward School Building, Allegheny City, Pa.	Alsen & Heckert.
Millvale School, Millvale, Pa.	Bartberger & East.
United Presbyterian Board of Publication Building, Pittsburg, Pa.	Charles Bickel.
Durand-Kasper Building, Chicago, Ill.	S. M. Randolph.
St. Mary's Cathedral, Covington, Ky.	Leon Coquard.
Boston Law School, Boston, Mass.	Wm. Gibbons Preston.
Warehouse, Pittsfield, Mass.	Rathbun & Harding.
Warehouse, Boston, Mass.	Alden Frink.
St. Francis' Hospital, Pittsburg, Pa.	Sydney F. Heckert.

BUILDINGS	ARCHITECTS
National Bank, Scranton, Pa.	Hazelhurst & Huckel.
Drying House, Baugh & Son's, Philadelphia, Pa.	Fawcett Company.
Lauer Brewing Company, Reading, Pa.	Otto C. Wolf.
Club House, Philadelphia Baseball Park, Philadelphia, Pa.	J. F. Stuckert & Son.
Hale Building, Philadelphia, Pa.	Willis G. Hale.
Parker Home, Philadelphia, Pa.	Charles Balderston.
Pepper Building, Philadelphia, Pa.	James Young.
Gallagher Building, Philadelphia, Pa.	J. D. Allen.

The Argus Printing Works, London.	H. H. & M. E. Collins, Esqs.
The *Advertiser* Offices, Leicester.	W. Morton Cowdell, Esq.
The *Morning Post* Offices, London.	H. O. Cresswell, Esq.
"Messrs. Judd's," London.	J. Douglass Mathews, Esq.
"Messrs. Barclay & Fry's," London.	J. Douglass Mathews, Esq.

(*The first Architect to use the Fawcett Floor.*)

BUILDINGS	ARCHITECTS
R. Middlemas & Son's Biscuit Factory, Edinburgh.	J. E. Adams, Esq.
William Anderson & Co.'s Tweed Mills, Glasgow.	William Anderson, Esq.
Pearson, Beckett & Co., Rockville Oil Mills, Glasgow.	John Baird, Esq. James Thompson, Esq.
Bibby's Oil Mills, 14, 16, 18, 20, 22 and 24 Formby Street, Liverpool.	Geo. Biddle, Esq.
Warehouse and Stores, Stowmarket.	J. Bishop, Esq.
Nelson Brothers, Limited, Cold Storage, London.	Sir Frederick Bramwell, Bart.
London General Omnibus Company, Holloway.	Percy W. Britton, Esq.
London General Omnibus Company, Chelsea.	Percy W. Britton, Esq.
London General Omnibus Company, Hackney.	Percy W. Britton, Esq.
Bacon Curing Factory, Smithfield.	Arthur Cawston, Esq.
Nos. 16, 17 and 17½ Watling Street, E.C., London.	Messrs. Cheston & Perkin.
Ransome, Sims & Jefferies, Orwell Works—Additions, Ipswich.	Company's Engineer.
J. Wordie & Son's Stables, Leith.	A. Hunter Crawford, Esq.
Union Oil Mills, Rotherhithe, London.	Company's Engineer.
Warehouse and Stables, St. James's, London.	Bernard Dicksee, Esq.

BUILDINGS	ARCHITECTS
Lambhill Bakery, Glasgow.	J. Dykes, Esq.
Hall's Bone Mills, Nottingham.	Messrs. Heazell & Sons.
Shoolbred's Extension, London.	Messrs. Hovenden & Barber.
Powell's Glass Works—Additions, London.	T. G. Jackson, Esq.
Charing Cross Road, London.	Messrs. Lander & Bedells.
Messrs. Caird & Rayners, Limehouse.	C. J. Marshall, Esq.
Co-Operative Bakery, Edinburgh.	T. P. Marwick, Esq.
Kingston Biscuit Factory, Glasgow.	W. F. McGibbon, Esq.
Warehouse, Springburn Road, Glasgow.	James Miller, Esq.

(*The first Scottish Architect to use the Fawcett Floor.*)

BUILDINGS	ARCHITECTS
John Todd & Co., Rope Works, Glasgow.	J. Lindsay Miller, Esq.
McFarlane, Lang & Co., Biscuit Factory, Glasgow.	J. M. Munro, Esq.
Doughty, Son & Richardson's Oil Mill, Lincoln.	Messrs. Mortimer & Son.
Samuel Gilchrist's Bakery, Hamilton.	J. Paten, Esq.
Warwick Square, London.	Stanley Peach, Esq.
Phœnix Brewery, London.	J. Richardson, Esq.
Smith's Bottling Stores, Shepherd's Bush.	J. Richardson, Esq.

BUILDINGS	ARCHITECTS
Messrs. Green's Pattern Shops, Wakefield.	F. Simpson, Esq.
Hannah & Gibson's Tweed Manufactory, Kilmarnock.	T. Smellie, Esq.
Stephen Mitchell & Company's Tobacco Manufactory, Glasgow.	Messrs. Steel & Balfour.
Erard's Piano Warehouse, London.	Percy G. Stone, Esq.
John Barker & Co.'s Extension, Kensington.	F. G. Vigor, Esq.
Oak Bank Oil Company, Midcalder.	B. Watson, Esq.
Westminster Vestry Depot, Westminster.	G. R. W. Wheeler, Esq.
Eastman Company, Limited, Glasgow.	J. B. Wilson, Esq.
Agricultural Hall, London.	B. R. Baker, Esq.
Great Northern Railway Gas Meter House, London.	A. Bolton, Esq.
Police Station, Whitechapel.	John Butler, Esq.
Archbishop of York's Palace, Bishopthorpe.	Ewan Christian, Esq.
The Cotton Exchange, Liverpool.	J. Francis Doyle, Esq.
The Corn Exchange, Glasgow.	W. F. McGibbon, Esq.
Lyceum Theatre, London.	C. J. Phipps, Esq.
Sessions House, Clerkenwell.	F. A. Pownall, Esq.

BUILDINGS	ARCHITECTS
Japanner's Factory, Euston Road.	J. Richardson, Esq.
Crown Perfumery Works, Homerton.	Messrs. Shoebridge & Lewis.
London and Southwestern Bank, Dulwich.	Chas. Barry, Esq.
Royal Bank of Scotland, Glasgow.	George Bell, Esq.
Glasgow Savings Bank, Glasgow.	Burnet, Son & Campbell.
London and County Bank, Kingsland.	Horace Cheston, Esq.
London and County Bank, Wimbledon.	Messrs. Cheston & Perkin.
Lambton & Co., Bank, Hexham.	John W. Dyson, Esq.
Bank of Liverpool, Head Office, Liverpool.	Messrs. Grayson & Ould.
National Provincial Bank of England—Additions to Head Office, London.	Chas. R. Gribble, Esq.
Manchester and Salford Bank, Charing Cross.	W. W. Gwyther, Esq.
Sheffield Banking Company, Rotherham.	Hadfield, Son & Garland.
London Provident Assurance Offices, London.	Thos. Haines, Esq.
London and Westminster—Additions to Head Office, London.	F. W. Hunt, Esq.
Capital and Counties—Additions to Head Office, London.	Messrs. Kidner & Berry.

BUILDINGS	ARCHITECTS
Capital and Counties Bank, Guernsey.	Messrs. Kidner & Berry.
Manchester and County Bank, Mossley.	Messrs. Mills & Murgatroyd.
Manchester and County Bank, Rawtenstall.	Messrs. Mills & Murgatroyd.
Lewes' Old Bank, Eastbourne.	Messrs. Mitchell & Ford.
London and County Bank, Brighton.	G. Pinkerton, Esq.
Wilts and Dorset Bank, Gloucester.	Geo. M. Silley, Esq.
Atlas Assurance Office, London.	Messrs. A. Waterhouse & Son.
Prudential Assurance Office, Bradford.	Messrs. A. Waterhouse & Son.
Simond's Bank, Reading.	Messrs. Webb & Millar.
Brighton and Hove Bath, Brighton.	Paul B. Chambers, Esq.
Hydropathic Bath, Buxton.	W. Johnson, Esq.
Exeter Swimming Bath, Exeter.	Messrs. Ralling & Tonar.
Camberwell Green Bath, Camberwell.	Messrs. Spalding & Cross.
King's Cross R. R. Offices, London.	A. Bolton, Esq.
Euston Station—Additions, London.	C. Hull, Esq.
Lime Street Station, Liverpool.	C. Hull, Esq.

BUILDINGS	ARCHITECTS
County Hotel, Lancaster.	G. F. Aveline, Esq.
Mansions, Portugal Street, London.	Messrs. Balfour & Turner.
L. C. C. Artisans' Dwellings, Greenwich.	Thos. Blashill, Esq.
The Ecclesiastical Commissioners' Offices, Whitehall, London.	Ewan Christian, Esq.
No. 48 Chancery Lane, London.	Somers Clarke, Esq.
White Star Company's Offices, Liverpool.	Francis Doyle, Esq.
Hill Street, W., London.	W. Flockhart, Esq.
Burlington Hotel—Extension, Eastbourne.	Chas. B. Forsdick, Esq.
Offices, Lincolns Inn Fields, W. C., London.	Eustace Frere, Esq.
The Royal Albert Hall Mansions, Kensington.	F. Hemings, Esq.
No. 22 Billiter Street, London.	W. Holdsworth, Esq.
No. 50 Queen Anne's Gate, Westminster.	A. Howell, Esq.
The Northwestern Hotel—Addition, Liverpool.	Charles Hull, Esq.
Carlisle Mansions, Westminster.	Messrs. Jones Bros.
Messrs. Hastie's Offices, East Grinstead.	H. E. Mathews, Esq.
Ashley Gardens, Westminster.	W. Rolfe, Esq.

BUILDINGS	ARCHITECTS
Cliveden Mansions, Belgravia.	J. J. Stevenson, Esq.
Gas Light and Coke Company's Offices, Westminster.	G. C. Trewby, Esq.
Flats, Elgin Avenue, St. John's Wood.	E. Vigers, Esq.
Flats, Sloane Street, London.	Alfred Williams, Esq.
Flats, Henrietta Street, London.	Alfred Williams, Esq.
Elton Hall, Peterborough.	J. Birch, Esq.
St. Olave's Rectory, London.	Ewan Christian, Esq.
Thonock Hall, Gainsborough.	Somers Clarke, Esq.
Knutsford Lodge, Edgbaston.	W. Henman, Esq.
Swayland's House, Penshurst.	Mervyn E. Macartney, Esq.
High Dené, Farnham.	Percy G. Stone, Esq.
Cheddington Court, Crewkerne.	George Vialls, Esq.
The Royal Barracks, Dublin.	Col. R. E. Bell.
The National Portrait Gallery, London.	Ewan Christian, Esq.
South Kensington Museum, Kensington.	Messrs. Hunt & Steward.
The New Admiralty Buildings, London.	Messrs. Leeming & Leeming.
The Ordnance Survey Offices, Mountjoy.	Howard Pentland, Esq.

BUILDINGS	ARCHITECTS
The Registry of Deeds Office, Dublin.	Howard Pentland, Esq.
The General Post-Office—Additions, Dublin.	Howard Pentland, Esq.
The Keyham Naval College, Plymouth.	W. E. Riley, Esq., C.E.
The General Post-Office—Additional Story, London.	Henry Tanner, Esq.
The Houses of Parliament—Additions, Westminster.	John Taylor, Esq., C.B.
Marlborough House—Two Small Additions, London.	John Taylor, Esq., C B.
The Patent Office, Block No. II., London.	John Taylor, Esq., C.B.
The Patent Office, Block No III., London.	John Taylor, Esq., C B.
The Inland Revenue Laboratory Building. London.	John Taylor, Esq., C.B.
The Public Record Office, London.	John Taylor, Esq., C.B.
Branch of the General Post-Office, Glasgow.	Robert Thomson, Esq.
The Ship Street Barracks, Dublin Castle. (*The first to use the Fawcett Floor in Ireland.*)	Major R. De Villamill, R.E.
The Institution of Civil Engineers, Westminster.	Chas. Barry, Esq.
The Royal College of Music, Kensington.	Sir Arthur Blomfield.
The Glasgow Athenæum, Glasgow.	Messrs. Burnet, Son & Campbell.

BUILDINGS	ARCHITECTS
The Pathological Institute, Glasgow.	Messrs. Burnet, Son & Campbell.
The Carnegie Public Library, Ayr.	Messrs. Campbell, Douglas & Morrison.
The St. Frideswide's Institute, Poplar.	Messrs. J. & S. F. Clarkson.
The Library and Institute, Hythe, Kent.	Messrs. Cowell & Bromley.
The Technical and Art Schools, Leicester.	Messrs. Everard & Pick.
Assembly Hall of Established Church of Scotland, Edinburgh.	Messrs. Hardy & Wight.
The Free Library, Everton, Liverpool.	Thos. Shelmerdine, Esq.
The Royal United Service Institution, London.	Aston Webb, Esq. Ingress Bell, Esq.
The Hospital for Sick Children, London.	Chas. Barry, Esq.
The British Home for Incurables, Streatham.	Arthur Cawston, Esq.
The Devon and Exeter Hospital, Exeter.	Chas. Cole, Esq.
The Newcastle City Asylum, Coxlodge, Newcastle-on-Tyne.	John W. Dyson, Esq.
St. Mary's Hospital, Paddington.	W. Emerson, Esq.
Chesterfield Hospital, Chesterfield.	J. W. Fearn, Esq.
Banstead Asylum—Additions, Banstead.	Geo. T. Hine, Esq.
Claybury Hall Asylum, Woodford.	Geo. T. Hine, Esq.

BUILDINGS	ARCHITECTS
The Infectious Diseases Hospital, Bournemouth.	F. W. Lacey, Esq.
The Royal Albert Asylum—Additions, Lancaster.	Messrs. Paley, Austin & Paley.
The Dundrum Asylum—Additions, Dublin.	Howard Pentland, Esq.
Southeastern Hospital—Additions, London.	Messrs. Quilter & Wheelhouse.
Brentford Infirmary, Brentford.	W. H. Ward, Esq.
Stafford Infirmary, Stafford.	Aston Webb, Esq.
Romford Infirmary, Romford.	Frank Whitmore, Esq.
Guy's Hospital—Additions, London.	Messrs. Woodd & Ainslie.
London Fever Hospital, London.	Messrs. Young, Keith, D., & Hall.
Dulwich Old College—Additions, Surrey.	Chas. Barry, Esq.
The Monastery, Clapham.	John F. Bentley, Esq.
St. Mary Magdalene Schools, London.	Messrs. Carpenter & Ingelow.
King Edward VI. School, Birmingham.	J. A. Chatwin, Esq.
Parish Church, Lower Brixham.	Somers Clarke, Esq.
St. Saviour's Church, Folkestone.	Somers Clarke, Esq.
St. Mungo Girls' School, Glasgow.	Joseph Cowan, Esq.
Dovehill Public School, Glasgow.	Messrs. Honeyman & Keppie.

BUILDINGS	ARCHITECTS
St. Mary and St. John's Church, Oxford.	A. Mardon Mowbray, Esq.
St. Stephen's Schools, Westminster.	Messrs. Reeve & Lees.
Dowanhill Public Schools, Govan.	Messrs. Steel & Balfour.
King Street Chapel, Camden Town.	Messrs. T. & W. Stone.
St. Michael's College, Lynn Regis.	Geo. Vialls, Esq.
Parish Church, Dinas Isa.	E. M. Bruce Vaughan, Esq.
Board School, Northfleet.	Messrs. Walford & Legg.
Manchester New College, Oxford.	Messrs. Worthington & Elgood.
The Convent of Notre Dame de Zion. Bayswater.	Arthur Young, Esq.

. . . NOTE . .

IF YOU WILL SEND US A FLOOR PLAN OF THE BUILDING YOU CONTEMPLATE ERECTING, AND STATE THE LIVE LOAD YOU WANT TO CARRY, WE WILL LAY OUT THE STEEL CONSTRUCTION FOR IT, SUITABLE TO OUR SYSTEM, AND RETURN IT TO YOU WITH THE DRAWING YOU SEND US, AND AN ESTIMATE FOR ONE OR MORE FLOORS. WE ASK YOU TO TRY THIS PLAN ON ACCOUNT OF THE SATISFACTION IT HAS GIVEN OTHERS . . . .

FAWCETT VENTILATED FIREPROOF
BUILDING COMPANY, LTD.